

FIG. 1

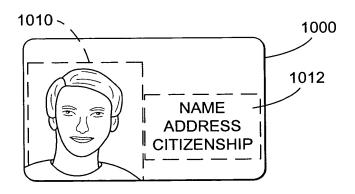


FIG. 2

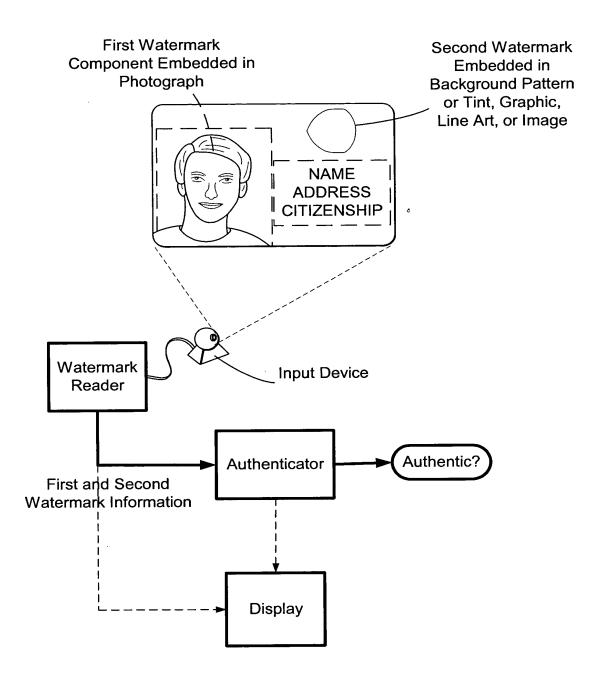


FIG. 3A

Authenticator

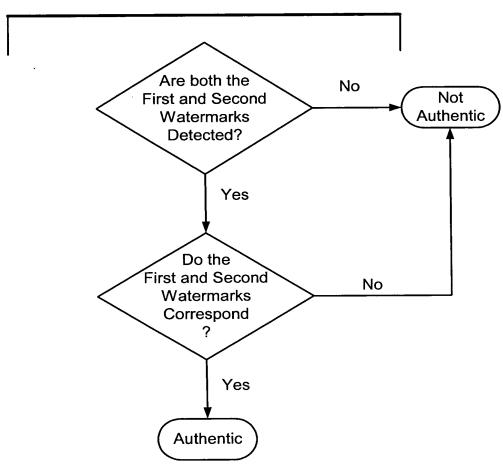


FIG. 3B

FIG. 4 Republic of Armacia National Identification ID. <sub>1234587</sub> 27 Stephan Jones 100 Yourstreet Sphen Ines 14 Yourtown, On, Armacia SEX: M EYES: BRN 60 100 Expect Yes Authenticate with Watermark a Digital Trigger Watermark No Authenticate without Watermark

## **Versatile Authentication Process**

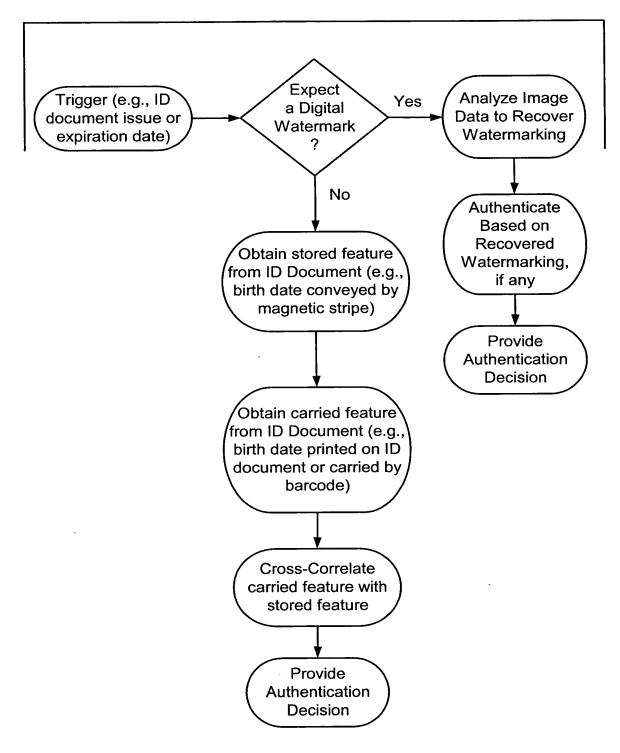


FIG. 5

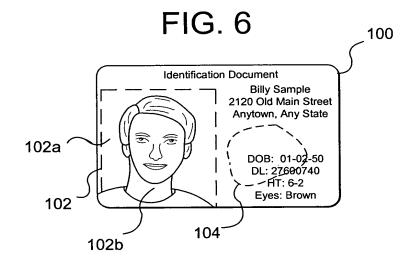


FIG. 11A

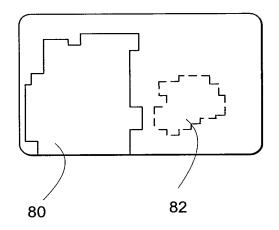
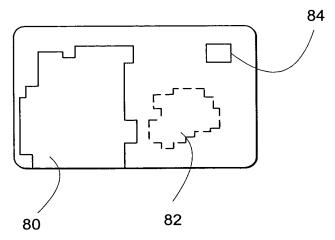
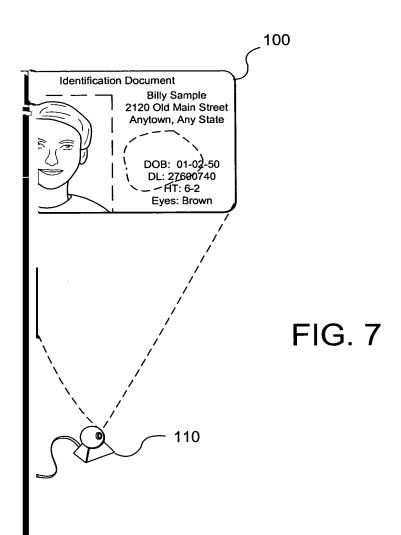


FIG. 11B





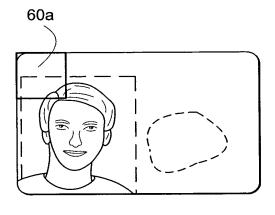


FIG. 8A

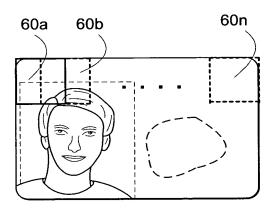
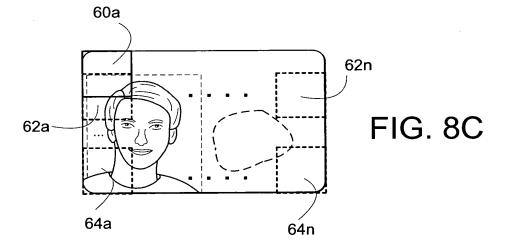


FIG. 8B



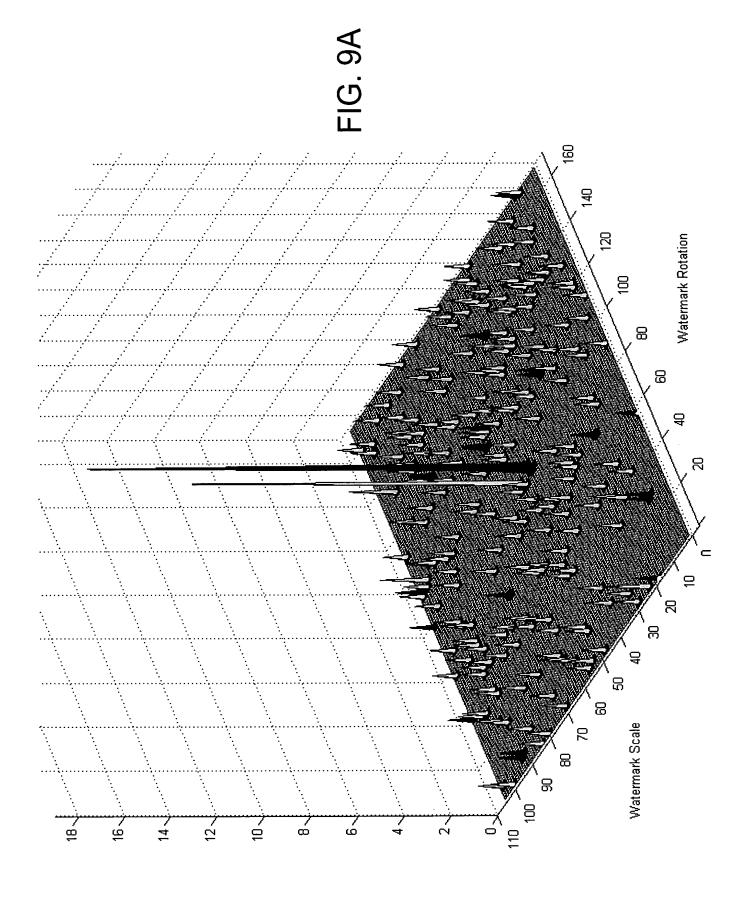


FIG. 9B

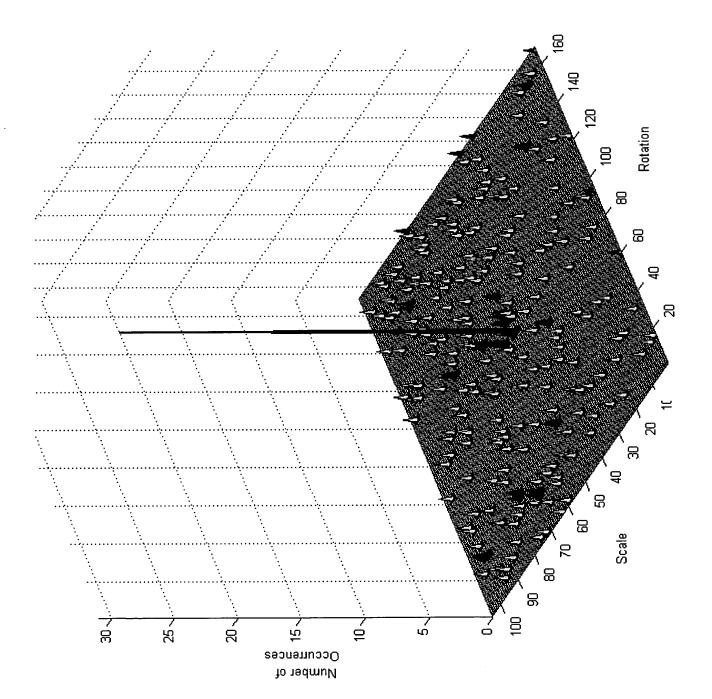
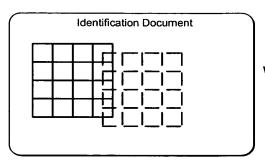
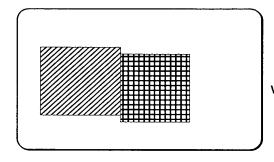


FIG. 10A



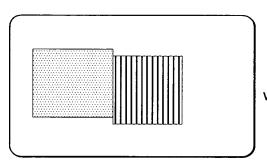
Watermark tiling patterns may be misaligned

FIG. 10B



X-translation of watermarked window

FIG. 10C



Y-translation of watermarked window

